

# **GCCS/DII COE System Integration Support**

## **DII COE Segment Installation Procedures (for SYENV Version 1.0.0.4/10.0.2 for Solaris 2.5.1)**

**May 30, 1997**

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**Defense Information Infrastructure (DII)**  
**Common Operating Environment (COE)**

**Segment Installation Procedures**  
**Sybase Environment (SYENV)**  
**Version 1.0.0.4/10.0.2 (Solaris 2.5.1)**

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## Preface

The following conventions are used in this document:

<b>Bold</b>	Used for information that is typed, pressed, or selected in executables and instructions. For example, select <b>connect to host</b> .
<i>Italics</i>	Used for file names, directories, scripts, commands, user IDs, document names, and Bibliography references; and any unusual computerese the first time it is used in text.
<u>Underline</u>	Used for emphasis.
Arrows <>	Used to identify keys on the keyboard. For example <Return>.
“Quotation Marks”	Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time. For example “Data-Generation Report.”
Courier Font	Used to denote anything as it appears on the screen or command lines. For example <code>tar xvf dev/rmt/3mm</code> .
Capitalization	Used to identify keys, screen icons, screen buttons, field, and menu names.

## 1. Installation Procedures (IP) for SYENV

This document provides a quick reference for installing the Sybase Environment (SYENV) segment for the Defense Information Infrastructure (DII) on Sun-based machines.

### 1.1 Scope

#### 1.1.1 Identification

This section contains identification information for the SYENV segment:

Segment Name:	SYENV. This software is released by Sybase.
Version Number:	The Common Operating Environment (COE) segment version number is Version 1.0.0.4 (V1.0.0.4). The product version number is V10.0.2.
Platform:	Sun platforms with Solaris 2.5.1.

### 1.2 System Overview

This section contains system overview information for the SYENV segment:

Purpose:	This software is common to both the Sybase server (SYSERV) and Sybase client (SYCLI).
Usage:	This segment prepares the host machine for becoming either a server or client. This segment, SYENV, will make the needed modifications to the operating system including shared memory requirements. After installation, the machine will reboot if kernel modifications were made.
References:	Additional information concerning this software can be obtained in the Sybase Users Manual provided by Sybase.

## 2. Referenced Documents

*Segment Software Test Description (STD) - Sybase Environment (SYENV)*, delivered with V1.0.0.4/10.0.2 for Solaris 2.5.1.

## **3. System Environment**

### **3.1 System Requirements**

This section describes the system requirements for the installation of the SYENV segment.

#### **3.1.1 Hardware Requirements**

This software requires a Sun-based platform and an available 8mm tape drive for installation.

#### **3.1.2 Operating System Requirements**

This software requires Solaris 2.5.1.

#### **3.1.3 Kernel Requirements**

DII COE kernel V3.1 or higher.

### **3.2 System and Site Preparations**

None.

#### **3.2.1 System Configuration**

None.

#### **3.2.2 Operating System Preparation**

None.

## **4. Installation Instructions**

### **4.1 Media Booting Procedures**

Not applicable for this segment.

### **4.2 Installation Procedures**

This section contains the installation procedures for the SYENV segment:

Step 1:        Log in as *sysadmin*.

Step 2:        Start the Segment Installer Tool.

- Step 3: Insert the 8mm tape in the tape drive.
- Step 4: Choose **Read Contents** in the Installer Tool window.
- Step 5: In the Available Disks window choose a drive with adequate space for the installation.
- Step 6: Click on **SYENV** in the contents window. Do not select any other segments to install.
- Step 7: Choose **Install Software** in the Installer Tool window.
- Step 8: Monitor the progress of the installation as displayed on the screen.
- Step 9: When the installation finishes, exit the Installer Tool by choosing **Exit** in the window.
- Step 10: If segment detects system modifications, a reboot will occur, else it will not.

### 4.3 Installation of Upgrades

Not applicable as this is a new segment.

### 4.4 Installation Verification

Refer to the *Segment Software Test Description (STD) - Sybase Environment (SYENV)* for complete test of the software.

### 4.5 Initializing the Software

None required.

### 4.6 List of Changes and Enhancements

This segment includes the ability to handle a hex number in the */etc/system* file for the *shminfo\_shmmax* parameter.

### 4.7 Important Considerations

None.

## **5. Notes**

None.

## **A. Appendices**

None.